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TITLE: IMAGE PROCESSING SYSTEM FOR CHECKING PRODUCT

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ABSTRACT:

PROBLEM TO BE SOLVED: To control all the hardware operations by software to enable the use by merely changing data by inputting data necessary for control program and operation and inputting image data of product to be checked into a signal processing means.

SOLUTION: A control signal is input into a control signal processing part 10 of a signal processing part 2 through a data input part 1. An image sensor part 3 photographs a product to be checked which is transferred, converts image data which is generated into a condition in which it can be used, and inputs it into an image signal control part 30. When signals required for the operation of respective system are input, control signals are executed. Accordingly, after loading a program for processing digital signals into an operation control part 20 through the input part 1, the processing part 2 stores image data which is converted into digital signal which can be used through the sensor part 3 into an image memory 35 through a buffer part 31. The operation control part 20 judges whether a product to be checked is good or not based on image data to be input and image data to be machined.

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